

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON

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OFFICE OF THE CHAIRMAN

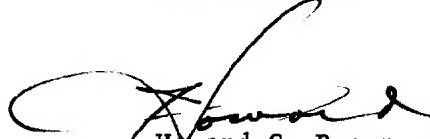
November 13, 1961

✓ DOE review

Dear Mr. McCone:

Enclosed, in response to your request today, is a summary of current status of the Puerto Rico Nuclear Center and BONUS Project. We could elaborate more, but I am sure this will serve to stimulate your own memory on both Projects.

Best regards,



Howard C. Brown, Jr.
Executive Assistant
to the Chairman

Honorable John A. McCone

AEC

PUERTO RICO NUCLEAR CENTER:

Established October 1957 to provide facilities for training of Latin Americans in familiar environment and language in peaceful uses of atomic energy. Facilities are both at Mayaguez and Rio Piedras.

Current Director - Dr. John C. Bugher

Programs:

1. Nuclear Science and Engineering - coursework and research leading to MS degree in Nuclear Engineering and Health Physics.
2. Reactor Operations: Operation of reactor and research using pool type reactor at Mayaguez.
3. Agriculture Bio-Sciences: Training and research in use of nuclear techniques in agriculture - emphasis on tropical crops and animals.
4. Radioisotopes Training Division - training and research in use of radioisotopes.
5. Clinical Radioisotopes: Use of radioisotopes in diagnosis and treatment.
6. Radiotherapy and Cancer - training and research in cancer.

Items 1 - 3 are at Mayaguez, remainder at Rio Piedras.

Facilities: \$3,650,000 investment

At Mayaguez: 39,000 square ft. laboratory and classroom with reactor building, greenhouse and pool type reactor.

At Rio Piedras: 18,000 square ft. biomedical building at site of Puerto Rico Medical Center.

FY 1962 approved budget - \$1,045,000

BONUS

16,500 KW power reactor using nuclear super heat being constructed at Point Higuera near Rincon P.R. (Western end of Island).

Design by General Nuclear Engineering Corporation - 93% complete.

Construction Management Contractor - Maxon Construction Co., Dayton, Ohio. Using Insular Outfits whenever possible. 38% complete. Target date for completion is December 1962.

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Puerto Rico Water Resources Authority (arm of Insular Government) is handling the P.R. end. They furnished land, site improvements and steam generating plant. AEC furnishes building and reactor.

PRWRA will operate reactor on cost reimbursement basis and will buy steam from AEC at cost not to exceed cost at which they can generate steam at their newest plant at Palo Seca.

AEC investment \$11.0 million

Puerto Rico investment \$3.75 million

Report of October 16, 1961

R. L. Corsbie/Dep. Assistant Director for Civil Effects, B&M, after trip to P.R. brought about by request of Gov. Munoz Marin to Dr. Bugher for assistance in civil defense situation has recommended:

1. That PRNC give one or two day seminar on effects of nuclear explosions with idea discussing countermeasures applicable P.R. in cooperation with Office of Emergency Planning and O.C.D.
2. That Dr. Bugher be provided with data and reports to assist Governor and staff.
3. PRNC be used as core to bring together medical and supporting capabilities to develop protective program.